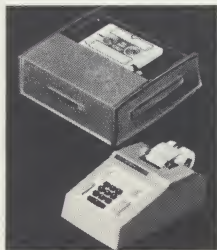


DATA-VERTER

EASE OF OPERATION

STEP 1. Operator uses a familiar input device, like an adding machine, linked to a digital recorder. At the same time he gets a hard copy print-out for his records. Operators like DATA-VERTER . . . make fewer errors while they record in machine language on reusable magnetic tape.



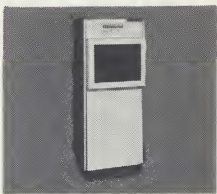
STEP 2. After data has been recorded, operator takes the tape cartridge out of the DATA-VERTER recorder, inserts it into the transmitter. Then he dials his number and verbally indicates that he has data to transmit. As a convenience, system can transmit unattended, by call from headquarters.



STEP 3. Operator clamps the phone onto the transmitter and switches to "TRANSMIT". Data is sent at 360 words a minute over an ordinary telephone . . . 3 to 15 times faster than conventional equipment . . . line charges are very low.



STEP 4. At your EDP center, data can be received by a DATA-VERTER central terminal on computer-compatible magnetic tape or paper tape — or as hard copy. Error-checking is included as a standard feature of the DATA-VERTER system.



If you have many remote locations and an Electronic Data Processing Center and are planning to install a new order entry/inventory reduction system, now is the time to learn more about the DATA-VERTER system. Call or write us today.



**DIGITRONICS
CORPORATION**

Albertson, L. I., New York • Telephone: (516) HT 4-1000

CAPTURED!



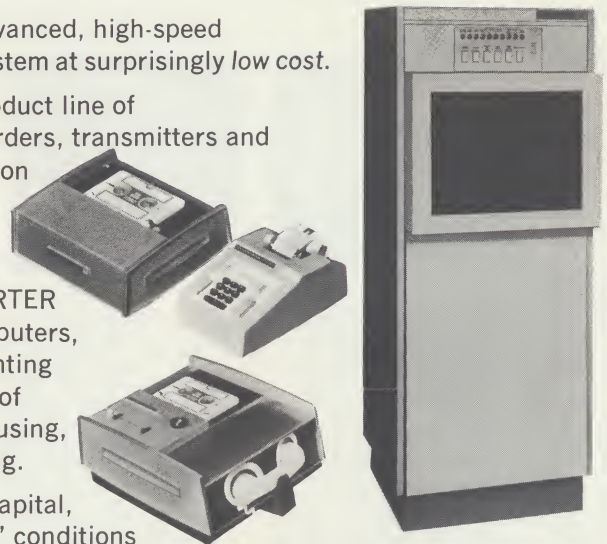
- DATA AT THE SOURCE
- RECORDED QUICKLY, EASILY
- IN MACHINE LANGUAGE
- TRANSMITTED SPEEDILY, ACCURATELY
- OVER REGULAR TELEPHONES
- TO CENTRALS IN COMPUTER FORMAT
- AT LOWEST COST PER TRANSACTION

THAT'S DATA-VERTER® BY DIGITRONICS!

Digitronics DATA-VERTER system is the advanced, high-speed source data acquisition and transmission system at surprisingly low cost.

DATA-VERTER is a complete, integrated product line of compatible, easy-to-use input devices, recorders, transmitters and receiving terminals (all warranted for precision performance). Combined, they provide today's most economical and versatile communications-oriented source data acquisition/transmission system. DATA-VERTER is compatible with all leading makes of computers, and offers maximum flexibility for implementing a "total" system and satisfies a wide variety of applications, including order entry, warehousing, inventory control and management reporting.

It can help reduce inventory, free working capital, reduce labor costs, eliminate "out of stock" conditions and reduce equipment and storage requirements. It is the most direct economical path from many remote locations to your data processing center.



Typical Electrical Characteristics at $T_A = 25^\circ\text{C}$

DC Supply Voltages		Static						Dynamic						Device Pkgs See Page 3	RCA Type
V _{EE} V	V _{CC} V	Input Offset Voltage mV	Input Bias Current μA	DC Input Power Drain mW	Device Gain*		Useful Frequency Range MHz	Noise Figure		CMR Ratio f=1kHz dB	Input and Output Impedance				
					Test Freq. MHz	Gain dB		Test Freq. MHz	NF dB		Test Freq. 2kHz	Input Ω	Output Ω		

Operational Amplifiers

−6	+6	1.08	5.3	30	1kHz	60 power gain	DC to 15	—	—	94	1	14k	200	FP	CA3008
Max. Out. Volt. Swing=6.75V _{p-p} at f=1kHz															
−6	+6	0.9	2.5	40	1kHz	60 power gain	DC to 15	1	8.3	94	1	20k	160	FP	CA3008A
Max. Out. Volt. Swing=6.75V _{p-p} at f=1kHz															
Ratings and Characteristics Identical to CA3008.														TO-5	CA3010
Ratings and Characteristics Identical to CA3008A.														TO-5	CA3010A
−12	+12	1.37	9.6	175	1kHz	70 power gain	DC to 50	—	—	103	1	7.8k	92	TO-5	CA3015
Max. Out. Volt. Swing=14V _{p-p} at f=1kHz															
−12	+12	1	4.7	175	1kHz	70 power gain	DC to 50	1	11	103	1	10k	85	TO-5	CA3015A
Max. Out. Volt. Swing=14V _{p-p} at f=1kHz															
Ratings and Characteristics Identical to CA3015.														FP	CA3016
Ratings and Characteristics Identical to CA3015A.														FP	CA3016A
−6	+6	1.08	5.3	30	1kHz	60	DC to 15	—	—	94	1	14k	200	DIP	CA3029
Max. Out. Volt. Swing=6.75V _{p-p} at f=1kHz															
−6	+6	0.9	2.5	40	1kHz	60	DC to 15	1	8.3	94	1	20k	160	DIP	CA3029A
Max. Out. Volt. Swing=6.75V _{p-p} at f=1kHz															
−12	+12	1.37	9.6	175	1kHz	70	DC to 50	—	—	103	1	7.8k	92	DIP	CA3030
Max. Out. Volt. Swing=14V _{p-p} at f=1kHz															
−12	+12	1	4.7	175	1kHz	70	DC to 50	1	11	103	1	10k	85	DIP	CA3030A
Max. Out. Volt. Swing=14V _{p-p} at f=1kHz															
−6	+12	2	3	85	1kHz	70	DC to 40	—	—	85	1	25k	130	TO-5	CA3031/ 702A
Max. Out. Volt. Swing=10V _{p-p} at f=1kHz															
−6	+12	5	5	90	1kHz	70	DC to 40	—	—	80	1	20k	200	TO-5	CA3032/ 702C
Max. Out. Volt. Swing=10V _{p-p} at f=1kHz															
−12	+12	2.6	83nA	120	1kHz	90	DC to 0.5	—	—	100	1	1.5M	—	DIC	CA3033
Max. Out. Volt. Swing=22V _{p-p} at f=1kHz															
−18	+18	2.9	103nA	250	1kHz	96	DC to 0.5	1	6	108	1	1M	—	DIC	CA3033A
Max. Out. Volt. Swing=32V _{p-p} at f=1kHz															
−6	+6	1.08	5.3	30	1kHz	60	DC to 15	—	—	94	1	14k	200	DIC	CA3037
Max. Out. Volt. Swing=6.75V _{p-p} at f=1kHz															
−6	+6	0.9	2.5	40	1kHz	60	DC to 15	1	8.3	94	1	20k	160	DIC	CA3037A
Max. Out. Volt. Swing=6.75V _{p-p} at f=1kHz															
−12	+12	1.37	9.6	175	1kHz	70	DC to 50	—	—	103	1	7.8k	92	DIC	CA3038
Max. Out. Volt. Swing=14V _{p-p} at f=1kHz															
−12	+12	1	4.7	175	1kHz	70	DC to 50	1	11	103	1	10k	85	DIC	CA3038A
Max. Out. Volt. Swing=14V _{p-p} at f=1kHz															

DIC = Dual in-line ceramic package
•Voltage gain unless specified

DIP = Dual in-line plastic package

FP = 14-Lead Flat Package